


ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

Title of Invention	[VOLTAGE REGULATOR APPARATUS]																																																																																																																														
Submission Type :	Utility Patent Filing																																																																																																																														
Application Number:	10/708489																																																																																																																														
EFS ID:	56700																																																																																																																														
Server Response:	<table border="1"><thead><tr><th>Confirmation Code</th><th>Message</th></tr></thead><tbody><tr><td>ISVR1</td><td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td></tr><tr><td>ICON1</td><td>2488</td></tr></tbody></table>			Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	2488																																																																																																																						
Confirmation Code	Message																																																																																																																														
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																																														
ICON1	2488																																																																																																																														
First Named Applicant:	YUAN-HSUN CHANG																																																																																																																														
Attorney Docket Number:	12447-US-PA																																																																																																																														
Timestamp:	2004-03-07 21:27:19 EDT																																																																																																																														
From:	us																																																																																																																														
File Listing:	<table border="1"><thead><tr><th>Doc. Name</th><th>File Name</th><th>Size (Bytes)</th><th>Date Produced (yyyymmdd)</th></tr></thead><tbody><tr><td>us-assignment</td><td>12447-usassn.xml</td><td>2028</td><td>2004-03-07</td></tr><tr><td>us-assignment</td><td>us-assignment.xml</td><td>8983</td><td>2004-03-07</td></tr><tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2004-03-07</td></tr><tr><td>us-assignment</td><td>12447assignment1.tif</td><td>39780</td><td>2004-03-07</td></tr><tr><td>us-assignment</td><td>12447assignment2.tif</td><td>11190</td><td>2004-03-07</td></tr><tr><td>us-request</td><td>12447-usrequ.xml</td><td>2899</td><td>2004-03-07</td></tr><tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2004-03-07</td></tr><tr><td>us-request</td><td>us-request.xml</td><td>33300</td><td>2004-03-07</td></tr><tr><td>us-fee-sheet</td><td>12447-usfees.xml</td><td>1696</td><td>2004-03-07</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.xml</td><td>24912</td><td>2004-03-07</td></tr><tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2004-03-07</td></tr><tr><td>us-declaration</td><td>12447declaration1.tif</td><td>35096</td><td>2004-03-07</td></tr><tr><td>us-declaration</td><td>12447declaration2.tif</td><td>27124</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>12447-trans.xml</td><td>16852</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>us-application-body.xml</td><td>83497</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>isoamso.ent</td><td>1934</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>isoamsr.ent</td><td>7073</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>isogr3.ent</td><td>3559</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>isomfrk.ent</td><td>4553</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>isomopf.ent</td><td>2571</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>isomscr.ent</td><td>4628</td><td>2004-03-07</td></tr><tr><td>application-body</td><td>isotech.ent</td><td>5268</td><td>2004-03-07</td></tr></tbody></table>			Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-assignment	12447-usassn.xml	2028	2004-03-07	us-assignment	us-assignment.xml	8983	2004-03-07	us-assignment	us-assignment.dtd	10898	2004-03-07	us-assignment	12447assignment1.tif	39780	2004-03-07	us-assignment	12447assignment2.tif	11190	2004-03-07	us-request	12447-usrequ.xml	2899	2004-03-07	us-request	us-request.dtd	19064	2004-03-07	us-request	us-request.xml	33300	2004-03-07	us-fee-sheet	12447-usfees.xml	1696	2004-03-07	us-fee-sheet	us-fee-sheet.xml	24912	2004-03-07	us-fee-sheet	us-fee-sheet.dtd	11069	2004-03-07	us-declaration	12447declaration1.tif	35096	2004-03-07	us-declaration	12447declaration2.tif	27124	2004-03-07	application-body	12447-trans.xml	16852	2004-03-07	application-body	us-application-body.xml	83497	2004-03-07	application-body	application-body.dtd	49498	2004-03-07	application-body	wipo.ent	4956	2004-03-07	application-body	mathml2.dtd	54588	2004-03-07	application-body	mathml2-qname-1.mod	13225	2004-03-07	application-body	isoamsa.ent	5191	2004-03-07	application-body	isoamsb.ent	3988	2004-03-07	application-body	isoamsc.ent	1460	2004-03-07	application-body	isoamsn.ent	5620	2004-03-07	application-body	isoamso.ent	1934	2004-03-07	application-body	isoamsr.ent	7073	2004-03-07	application-body	isogr3.ent	3559	2004-03-07	application-body	isomfrk.ent	4553	2004-03-07	application-body	isomopf.ent	2571	2004-03-07	application-body	isomscr.ent	4628	2004-03-07	application-body	isotech.ent	5268	2004-03-07
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																																												
us-assignment	12447-usassn.xml	2028	2004-03-07																																																																																																																												
us-assignment	us-assignment.xml	8983	2004-03-07																																																																																																																												
us-assignment	us-assignment.dtd	10898	2004-03-07																																																																																																																												
us-assignment	12447assignment1.tif	39780	2004-03-07																																																																																																																												
us-assignment	12447assignment2.tif	11190	2004-03-07																																																																																																																												
us-request	12447-usrequ.xml	2899	2004-03-07																																																																																																																												
us-request	us-request.dtd	19064	2004-03-07																																																																																																																												
us-request	us-request.xml	33300	2004-03-07																																																																																																																												
us-fee-sheet	12447-usfees.xml	1696	2004-03-07																																																																																																																												
us-fee-sheet	us-fee-sheet.xml	24912	2004-03-07																																																																																																																												
us-fee-sheet	us-fee-sheet.dtd	11069	2004-03-07																																																																																																																												
us-declaration	12447declaration1.tif	35096	2004-03-07																																																																																																																												
us-declaration	12447declaration2.tif	27124	2004-03-07																																																																																																																												
application-body	12447-trans.xml	16852	2004-03-07																																																																																																																												
application-body	us-application-body.xml	83497	2004-03-07																																																																																																																												
application-body	application-body.dtd	49498	2004-03-07																																																																																																																												
application-body	wipo.ent	4956	2004-03-07																																																																																																																												
application-body	mathml2.dtd	54588	2004-03-07																																																																																																																												
application-body	mathml2-qname-1.mod	13225	2004-03-07																																																																																																																												
application-body	isoamsa.ent	5191	2004-03-07																																																																																																																												
application-body	isoamsb.ent	3988	2004-03-07																																																																																																																												
application-body	isoamsc.ent	1460	2004-03-07																																																																																																																												
application-body	isoamsn.ent	5620	2004-03-07																																																																																																																												
application-body	isoamso.ent	1934	2004-03-07																																																																																																																												
application-body	isoamsr.ent	7073	2004-03-07																																																																																																																												
application-body	isogr3.ent	3559	2004-03-07																																																																																																																												
application-body	isomfrk.ent	4553	2004-03-07																																																																																																																												
application-body	isomopf.ent	2571	2004-03-07																																																																																																																												
application-body	isomscr.ent	4628	2004-03-07																																																																																																																												
application-body	isotech.ent	5268	2004-03-07																																																																																																																												

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isobox.ent	3568	2004-03-07
application-body	isocyr1.ent	5345	2004-03-07
application-body	isocyr2.ent	2504	2004-03-07
application-body	isodia.ent	1508	2004-03-07
application-body	isolat1.ent	5282	2004-03-07
application-body	isolat2.ent	9007	2004-03-07
application-body	isonum.ent	5913	2004-03-07
application-body	isopub.ent	6621	2004-03-07
application-body	mmlextra.ent	7901	2004-03-07
application-body	mmlalias.ent	38209	2004-03-07
application-body	soextblx.dtd	12870	2004-03-07
application-body	12447us0001.tif	4352	2004-03-07
application-body	12447us0002.tif	6514	2004-03-07
application-body	12447us0003.tif	323158	2004-03-07
package-data	12447-pkda.xml	8731	2004-03-07
package-data	package-data.dtd	27025	2004-03-07
package-data	us-package-data.xsl	19263	2004-03-07
Total files size		984271	

Message Digest:

1fb2f6855f76135e2acb59acba84ba11e9b172c9

Digital Certificate Holder
Name:

cn=Belinda Lee,ou=Registered
Attorneys,ou=Patent and
Trademark
Office,ou=Department of
Commerce,o=U.S.
Government,c=US